

Author Index to Volume 29

A

Abramowsky, CR, 921
 Accary, JP, 696
 Adami, H-O, 116
 Adler, G, 740
 Adrian, TE, 1041
 Agrawal, N, 625
 Ahola, S, 449
 Akdamar, K, 625
 Alazraki, N, 513
 Albaugh, JS, 762
 Albers, JJ, 1118
 Alberti, A, 620
 Almskog, B, 1159
 Al-Mukhtar, MYT, 1041
 Alphin, RS, 508
 Altaparmakov, I, 232
 American Motility Society, 534, 545
 American Pancreatic Association, 939
 Andersen, DK, 33
 Anderson, KK, 988
 Andriulli, A, 896, 983
 Angerås, U, 1159
 Anuras, S, 443
 Arimura, A, 625
 Arossa, W, 896
 Ashida, Y, 26
 Athanasoulis, CA, 481
 Attali, P, 466

B

Baba, S, 443
 Bacchella, T, 709
 Baiocco, PJ, 570
 Balart, LA, 134
 Bank, L, 357
 Banks, PA, 213, 297, 664

Banwell, JG, 921
 Baraldini, M, 620
 Bardon, T, 520
 Barends, D, 239
 Baron, J, 294
 Baron, JH, 858
 Barrison, IG, 311
 Bartholomew, LG, 371
 Baumgartner, A, 327
 Beaurang, J, 865
 Beck, IT, 46
 Benhamou, J-P, 367
 Benjamin, SB, 194
 Berland, J, 305
 Bettarello, A, 709
 Biemond, I, 1089
 Bismuth, H, 466
 Bloom, SR, 1041
 Blum, A, 858
 Boero, M, 983
 Bohan, D, 390
 Boldt, DH, 921
 Bolognese, RJ, 453
 Bolondi, L, 802
 Bonfilio, MC, 1131
 Bonfils, S, 696, 858
 Bornman, PC, 721
 Bortolotti, F, 620
 Bounous, G, 872
 Bova, JG, 150
 Boyd, EJS, 797
 Boyle, JT, 760
 Brayko, CM, 427
 Brooks, FP, 193, 833, 1062
 Brophy, C, 513
 Brotschi, EA, 1050
 Brown, JA, 513
 Brown, ND, 664
 Brezinsky, S, 129
 Brunelle, RL, 207
 Bueno, L, 1023

Buffet, C, 466
 Burns, TW, 134

C

Calkins, BM, 913
 Canepa, G, 983
 Cann, PA, 239
 Carlmark, B, 606
 Cassidy, MM, 432
 Castell, DO, 65, 194, 649
 Cerro, P, 1093
 Chadwick, VS, 1000
 Chernish, SM, 207
 Chevillotte, G, 75
 Chey, WY, 417
 Chiodini, RJ, 1073, 1080
 Christian, PE, 513
 Chuong, JJH, 1105
 Clain, DJ, 171
 Cleary, PA, 1118
 Cohen, JD, 773
 Cohen, S, 760
 Colin-Jones, DG, 121
 Cooper, BT, 809
 Corcoran, T, 1131
 Cordova, CM, 65, 649
 Coutu, JA, 1073, 1080
 Crama-Bohbouth, G, 1089
 Cremer, M, 97
 Cribier, A, 305
 Cunningham-Rundles, S, 817
 Curtis, KJ, 834

D

Da Cunha, JEM, 709
 Danan, G, 367
 Dandrew, R, 449

Author Index to Volume 29

A

Abramowsky, CR, 921
Accary, JP, 696
Adami, H-O, 116
Adler, G, 740
Adrian, TE, 1041
Agrawal, N, 625
Ahola, S, 449
Akdamar, K, 625
Alazraki, N, 513
Albaugh, JS, 762
Albers, JJ, 1118
Alberti, A, 620
Almskog, B, 1159
Al-Mukhtar, MYT, 1041
Alphin, RS, 508
Altaparmakov, I, 232
American Motility Society, 534, 545
American Pancreatic Association, 939
Andersen, DK, 33
Anderson, KK, 988
Andriulli, A, 896, 983
Angerås, U, 1159
Anuras, S, 443
Arimura, A, 625
Arossa, W, 896
Ashida, Y, 26
Athanasoulis, CA, 481
Attali, P, 466

B

Baba, S, 443
Bacchella, T, 709
Baiocco, PJ, 570
Balart, LA, 134
Bank, L, 357
Banks, PA, 213, 297, 664

Banwell, JG, 921
Baraldini, M, 620
Bardon, T, 520
Barends, D, 239
Baron, J, 294
Baron, JH, 858
Barrison, IG, 311
Bartholomew, LG, 371
Baumgartner, A, 327
Beaurang, J, 865
Beck, IT, 46
Benhamou, J-P, 367
Benjamin, SB, 194
Berland, J, 305
Bettarello, A, 709
Biemond, I, 1089
Bismuth, H, 466
Bloom, SR, 1041
Blum, A, 858
Boero, M, 983
Bohan, D, 390
Boldt, DH, 921
Bolognese, RJ, 453
Bolondi, L, 802
Bonfilio, MC, 1131
Bonfils, S, 696, 858
Bornman, PC, 721
Bortolotti, F, 620
Bounous, G, 872
Bova, JG, 150
Boyd, EJS, 797
Boyle, JT, 760
Brayko, CM, 427
Brooks, FP, 193, 833, 1062
Brophy, C, 513
Brotschi, EA, 1050
Brown, JA, 513
Brown, ND, 664
Brezinsky, S, 129
Brunelle, RL, 207
Bueno, L, 1023

Buffet, C, 466
Burns, TW, 134

C

Calkins, BM, 913
Canepa, G, 983
Cann, PA, 239
Carlmark, B, 606
Cassidy, MM, 432
Castell, DO, 65, 194, 649
Cerro, P, 1093
Chadwick, VS, 1000
Chernish, SM, 207
Chevillotte, G, 75
Chey, WY, 417
Chioldini, RJ, 1073, 1080
Christian, PE, 513
Chuong, JJH, 1105
Clain, DJ, 171
Cleary, PA, 1118
Cohen, JD, 773
Cohen, S, 760
Colin-Jones, DG, 121
Cooper, BT, 809
Corcoran, T, 1131
Cordova, CM, 65, 649
Couto, JA, 1073, 1080
Crama-Bohbouth, G, 1089
Cremer, M, 97
Cribier, A, 305
Cunningham-Rundles, S, 817
Curtis, KJ, 834

D

Da Cunha, JEM, 709
Danan, G, 367
Dandrew, R, 449

AUTHOR INDEX TO VOLUME 29

Danovitch, SH, 463
Datz, F, 513
Davis, CR, 65
Decker, JP, 453
Degertekin, H, 625
De La Pierre, M, 896
Delcourt, A, 97
Denis, Ph, 305
Denyer, ME, 721
DePretis, G, 896
Deshpande, YG, 261
Devaux, M-A, 19
Devroede, G, 178
De Waele, B, 865
Dewbury, K, 930
DeWeerd, JH, 371
De Wever, I, 164, 219
Diaz, GR, 19
Dickson, ER, 862
Diemel, CM, 102
Dinda, PK, 46
Dobrilla, G, 896
Dodds, WJ, 422, 528
Doering, PL, 385
Dons, RF, 1164
Dooley, CP, 714
Dooley, MC, 486
Duarte, I, 709
Dubey, P, 202
Dubois, A, 65, 407, 785
DuBoulay, CE, 731
DuBovik, S, 1105
Duchainey, D, 297
Ducrotte, Ph, 305
Dutta, SK, 890

E
Eastwood, GL, 498
Ebert, EC, 453
Echavé, V, 872
Eeckhout, C, 164, 219
Egge, AC, 881
Ehara, M, 600
Einhorn, RI, 213
Eisenburg, J, 502
Ellis, CJ, 289
Ellis, FH, Jr, 1066
El-Sayeed, W, 311
Emas, S, 758
Engalichev, A, 297

Ertan, A, 625
Estes, MK, 1028
Etienne, JP, 466
Eysselein, VE, 12, 321

F

Facchini, A, 620
Fanucci, A, 1093
Fargeas, M-J, 1023
Farmer, RC, 740
Farrow, GM, 371
Figarella, C, 934
Fioramonti, J, 1023
Fleming, CR, 862
Foster, JR, 1015
Frankel, J-P, 674
Frankl, H, 161
Funatsu, T, 437

G

Gadacz, TR, 890
Gaia, E, 896
Gaiani, S, 802
Galanos, C, 502
Galmiche, JP, 305
Gannan, RM, 977
Gardiner, JE, 183
Gardino, L, 983
Garland, CF, 913
Garuti, G, 1098
Gasbarrini, G, 620
Gavaler, JS, 614
George, PK, 573
Gertler, SL, 91
Gerzof, SG, 664
Ghatei, MA, 1041
Ghent, CN, 1148
Giacobazzi, G, 1098
Giesing, DH, 402
Girdwood, AH, 721
Gitnick, G, 1086
Gluck, CA, 1063
Goebell, H, 12
Goldman, JM, 407
Goldstein, HM, 150
Gorman, BD, 570
Gornacz, GE, 1041
Gossat, D, 727

Goto, N, 669
Gourley, WK, 829
Grace, ND, 213
Graham, DY, 402, 1028
Grandjean, E, 78
Grant, DAW, 1009, 1015
Grau, L, 432
Grizzle, WE, 275
Groh, WJ, 422
Groot, K, 625
Gryboski, JD, 1148
Guelrud, M, 225
Guild, RT, 385
Guillaume, P, 78
Gullo, L, 802
Gustavsson, S, 116
Guth, PH, 330
Gyr, K, 853

H

Haas-Smith, S, 432
Halter, F, 327
Hamade, N, 178
Hampel, KE, 689
Han, SG, 275
Hancock, JE, 194
Hanks, JB, 33
Hansky, J, 1036
Hara, K, 81
Harary, AM, 1063
Harding, PL, 6
Hargrove, B, 207
Harvey, J, 121
Hasumura, Y, 1137
Hatfield, ARW, 721
Hattori, N, 678
Hawkins, R, 930
Hedberg, SE, 481
Heiss, FW, 1066
Helm, JF, 528
Helman, C, 790
Henagan, JM, 141
Heppell, J, 849
Herlinger, H, 1057
Hermon-Taylor, J, 1009, 1015
Herrera, GA, 275
Herrington, JP, 134
Hill, LD, 977
Hino, S, 669
Hirschowitz, BI, 790

AUTHOR INDEX TO VOLUME 29

Hodgson, HJF, 1000
 Hogan, DL, 129
 Hogan, WJ, 422, 528
 Holdstock, G, 731
 Holdsworth, CD, 239
 Holland, KL, 703
 Hom, BM, 183
 Honda, T, 498
 Honde, C, 1023
 Hongo, M, 300
 Honjo, I, 26
 Hopens, TA, 150
 Hopman, WPM, 1109
 Hou, SH, 449
 Houssin, D, 466
 Howard, R, 921
 Howells, T, 427
 Hubbard, VS, 881
 Huguet, C, 367
 Huibregtse, K, 1005
 Hunt, P, 1036

I

Iber, FL, 890
 Igashira, M, 669
 Imawari, M, 411
 Ippoliti, A, 824
 Isenberg, JI, 129
 Isenberg, MT, 376
 Ishida, Y, 678
 Israel, HL, 353

J

Jackson, A, 121
 Jacobson, S, 606
 Jacoby, HI, 1131
 Janisch, HD, 689
 Jansen, JBMJ, 102, 1109
 Janssens, J, 219, 458
 Jaques, PF, 486
 Javdan, P, 317
 Jayich, SA, 773
 Jensen, RT, 363
 Johnson, C, 19
 Johnson, MD, 703
 Jones, RS, 33
 Joseph, AEA, 257
 Justus, PG, 643

K
 Kadoya, M, 678
 Kaku, K, 994
 Kaminski, DL, 261
 Kane, MG, 768
 Kapila, YV, 528
 Kaplan, M, 449
 Kappeler, M, 327
 Kato, K, 26
 Kaye, MD, 868
 Kazumi, T, 443
 Keefe, EB, 762
 Keller, U, 853
 Kelly, KA, 849
 Kern, H, 740
 Khan, S, 311
 Kim, YS, 834
 Kimura, K, 109
 Kish, S, 470
 Kitamura, T, 600
 Kjellén, G, 1
 Kleibeuker, J, 321
 Klibaner, M, 573
 Knuff, TE, 194
 Kobayashi, A, 109
 Kobori, O, 411
 Kocoshis, SA, 1148
 Koga, A, 1123
 Koga, T, 994
 Kohashi, E, 498
 Kolars, JC, 289
 Kondlapoodi, P, 171
 Korelitz, BI, 570
 Koretz, RL, 577
 Kosuzume, H, 26
 Kotani, Y, 841
 Kottler, RE, 721
 Kozarek, RA, 427
 Kozawa, K, 411
 Krausse, EJ, 6
 Krawitt, EL, 674
 Krejs, GJ, 768
 Kressel, HY, 285
 Krippaehne, WW, 762
 Kritchevsky, D, 432
 Krotoszynski, BK, 907
 Kruis, W, 502
 Krusemo, U-B, 116
 Kurooka, S, 600
 Kurtz, RC, 817
 Kuwayama, H, 498

L
 Labò, G, 620, 802
 Lambert, JR, 1036
 Lamers, CBHW, 102, 1109
 Lamorte, WW, 1050
 Latham, PS, 890
 Lebovitz, HE, 33
 Lechago, J, 773
 Lee, KY, 417
 Lehur, P-A, 178
 Lems-Van Kam, P, 1089
 Lester, LA, 881
 Letac, B, 305
 Levenstein, S, 1093
 Levin, S, 449
 Levine, BA, 86
 Levitt, MD, 289
 Librizzi, RJ, 453
 Lightdale, CJ, 817
 Lightfoot, F, 432
 Ligumsky, M, 330
 Lilienfeld, AM, 913
 Lintz, RM, 664
 Lipshutz, WH, 453
 Lister, J, 449
 Lolle, SJ, 6
 Lopez, I, 1131
 Luby, JP, 768
 Lucas, ML, 336
 Luciano, M, 625
 Ludwig, S, 824
 Lukes, P, 1159
 Lundstam, S, 1159
 Luzi, C, 1093

M

Machado, MCC, 709
 Madarnas, P, 178
 Maeda, M, 443, 1057
 Maglinte, DDT, 376, 1057
 Malagutti, P, 1098
 Malé, P-J, 78
 Man, SFP, 631
 Margolis, ML, 353
 Marks, IN, 721
 Marks, JW, 1118
 Maslin, S, 740
 Masoero, G, 896
 Mather, FJ, 625
 Maudgal, DP, 257

AUTHOR INDEX TO VOLUME 29

Maxwell, V, 321
McCallum, RW, 300, 1105
McCullough, AJ, 862
McHerron, LE, 643
McLellan, PA, 664
Meirik, O, 116
Meldolesi, J, 934
Meliconi, R, 620
Ménard, DB, 178
Mendeloff, AI, 913
Merkal, RS, 1073, 1080
Mertesdorf, JM, 183
Meyrat, P, 327
Mignon, M, 696
Miller, TA, 141
Miranda, M, 714
Miwa, H, 994
Miyai, K, 91
Miyazakui, K, 1123
Molina, E, 790
Moore, JG, 513, 907
Moraes, HP, 275
Morioka, Y, 411
Morris, GP, 6
Morrow, PL, 674
Mott, CB, 709
Muller, Eberhard, U, 753
Myskowski, P, 817

N
Nagulesparan, M, 785
Nakanishi, T, 81
Nakayama, F, 1123
Navarro, C, 171
Navert, H, 872
Ng, AC, 376
Nishida, T, 994
Nishimura, M, 1137
Nobuhara, Y, 1142
Noel-Jorand, M-C, 19
Norman, DO, 65
Normann, SA, 385
Nouchi, T, 1137
Nundy, S, 202
Nyrén, O, 116

O
O'Brien, MJ, 573
Odaibo, SK, 417
O'Dell, SW, 508
Ohki, A, 443
Ohnishi, H, 26
Ohto, M, 109
Ohtsuki, H, 346
Okabe, S, 40, 248, 346, 394, 841
Okada, Y, 394
Okuda, K, 109, 669
Okumura, M, 994
Olivotto, P, 1093
Omicioli, V, 449
O'Neill, HJ, 907
Ono, T, 109
Orda, R, 294
Orda, S, 294
Osuga, T, 411
Otsuki, M, 443

P
Palmas, F, 983
Pantoja, JL, 593
Papageorge, W, 449
Park, HM, 207
Parkins, RA, 311
Pasquis, P, 305
Patterson, M, 829
Peart, AG, 470
Pederson, WC, 86
Peeters, TL, 219
Peña, AS, 1089
Perey, BJ, 178
Peters, RL, 593
Petrozza, JA, 890
Pipeleers-Marichal, M, 865
Pirola, RC, 727
Pitman, ER, 317
Plantin, L-O, 606
Pope, CE, II, 657, 977
Powell, DW, 486
Pranter, C, 1093
Putnam, W, 33

R
Raillat, 75
Ramond, M-J, 367

Rankin, GB, 470
Rayford, PL, 157
Read, NW, 239, 902
Realdi, G, 620
Reber, HA, 740
Reedy, T, 321
Reele, SB, 390
Renner, IG, 593
Richardson, CT, 129
Richter, JE, 649
Richter, JM, 481
Riely, CA, 456
Rigaud, D, 696
Robert, P, 977
Rocca, G, 983
Roche, A, 466
Rodzynski, JJ, 97
Rogers, AI, 1063
Rose, LJ, 353
Rosenek, BD, 207
Rosevelt, J, 161
Rouse, S, 727
Ruckebusch, Y, 520
Rueff, B, 367
Ruhlig, L, 773
Runser, DJ, 402
Russell, WL, 385
Ryan, J, 625

S
Sackman, JW, 402, 1028
Safai, B, 817
Saffouri, B, 183
Sahel, J, 75
Saisho, H, 109
Sakamoto, C, 443
Saltz, RK, 817
Samloff, IM, 785
Sancilio, LF, 508
Sandler, RS, 703
Sanowski, RA, 427
Saravis, CA, 573
Sarles, H, 19, 75
Sarna, S, 73, 422
Sasaki, H, 785
Satchithanandam, S, 432
Satoh, H, 330
Savage, WT, III, 593
Saverymuttu, SH, 1000
Sawabu, N, 678

AUTHOR INDEX TO VOLUME 29

Schade, RR, 614
 Schapiro, M, 159
 Schapiro, RH, 481
 Schmidt, D, 19
 Schultheis, WM, 593
 Schussler, P, 502
 Schwesinger, WH, 86
 Sciarretta, G, 1098
 Scott, M, 1131
 Seferian, V, 97
 Sharp, JG, 1153
 Shepherd, HA, 121
 Shibata, T, 625
 Shimazu, H, 411
 Shnitka, T, 631
 Shousha, S, 311
 Siegel, JH, 225
 Sievers, ML, 785
 Simon, T, 91
 Singer, MV, 12
 Sirinek, KR, 86
 Sivak, MV, Jr, 470
 Sleisenger, MH, 834
 Smekens, L, 865
 Smith, CL, 731
 Snape, WJ, Jr, 773
 Socinski, MA, 674
 Soffer, EE, 735
 Solomon, T, 360
 Soper, BD, 56
 Soveny, C, 1036
 Spinaci, S, 896
 Splaine, EF, 664
 Spurling, TJ, 649
 Stace, NH, 593
 Steck, WD, 470
 Steckman, ML, 486
 Steele, DM, 868
 Steer, ML, 934
 Stein, J, 91
 Steinberg, WM, 988
 Straus, E, 785
 Strottman, MP, 735
 Subramanyam, K, 829
 Sugimoto, A, 81
 Sun, EA, 453
 Sundram, KR, 202
 Suzuki, Y, 109

Svedberg, JB, 1
 Switz, DM, 463
 Szöllösy, E, 853
T
 Tabata, K, 40, 346
 Tait, A, 727
 Takahashi, I, 422
 Takashi, M, 669
 Takeshita, H, 841
 Takeuchi, J, 1137
 Takeuchi, K, 248, 1142
 Talbot, RW, 1009, 1015
 Tanaka, S, 600
 Tarshis, A, 1066
 Taylor, A, 513
 Taylor, BM, 849
 Tepperman, BL, 56
 Thayer, WR, 1073, 1080
 Thompson, JC, 157
 Thomson, ABR, 267, 631
 Tibbling, L, 1
 Tim, LO, 790
 Toback, AC, 868
 Tong, MJ, 773
 Toya, D, 678
 Tracey, KJ, 573
 Traube, M, 300
 Tsadilas, T, 475
 Tsuchiya, Y, 109
 Tweedie, J, 740
 Tytgat, GNJ, 1005

U
 Ukabam, SO, 809
 Urmacher, C, 817

V
 Vahouny, GV, 432
 Valenzuela, JE, 714
 Van Den Brandt-Grädel, V, 1005
 Van Gossum, A, 97
 Van Kruiningen, HJ, 1073, 1080
 Van Theil, DH, 614
 Vantrappen, G, 164, 219, 458

Varga, L, 853
 Velasco, N, 977
 Verme, G, 983
 Verri, A, 1098
 Vebeck, SJ, 872

W
 Wallace, JL, 6
 Walsh, JH, 321
 Wansbrough-Jones, MH, 257
 Ward, JW, 508
 Ward, TT, 643
 Warshaw, AL, 297
 Weber, F, 921
 Wechsler, RL, 1060
 Weihrauch, TR, 689
 Weinzierl, M, 502
 Weiss, L, 1159
 Wellman, HN, 207
 Wentz, H, 12
 Weterman, IT, 1089
 Wettendorff, P, 97
 Whorwell, PJ, 930
 Wienbeck, M, 232
 Wiesner, RH, 862
 Williams, LF, Jr, 573, 1050
 Willson, RA, 753
 Wilson, JA, 797
 Wilson, JS, 727
 Wiznitzer, T, 294
 Wolf, RO, 881
 Wolfe, GZ, 297
 Wollin, A, 872
 Wormsley, KG, 797
 Wormsley, SB, 753
 Worsham, GF, 194
 Wright, JP, 357
 Wright, NA, 1041, 1153
 Wright, R, 930
 Wright, SH, 453

X
 Xu, JJ, 727

Y
 Yamamoto, M, 994

AUTHOR INDEX TO VOLUME 29

Yamamoto, O, 394
Yamasaki, T, 443
Yao, T, 994
Yeats, JC, 1041

Yoneshima, M, 678
Yoshino, G, 443
Youle, MS, 902
Yuu, H, 443

Z
Zaloga, GP, 1164
Zamcheck, N, 573
Zanirato, P, 1098

Subject Index to Volume 29

A

Abscess, hepatic, perforated diverticulum and, 171
Absorption, small bowel resection and, 834
Achalasia, cancer and, 1066, 1105
Acid, gastric
 H₂-receptor antagonists and, 129
 Pima Indians and, 785
 tea and, 202
Acid secretion titration, 321
Acquired immunodeficiency syndrome,
 Cryptosporidium and, 773
Adenocarcinoma, appendiceal, 371
Adenoma, Brunner's gland, 81
β-Adrenoreceptor blockers, motility and, 875
 (letter)
Alcohol, indomethacin and, 141
Amylase, hyperamylasemia and, 289
Angina, motor abnormalities and, 305
Angiodysplasia, colonoscopy and, 481
Antacids, cimetidine concentrations and, 385
Antibody titers, antinuclear, motility and, 737
Antrectomy
 alkaline reflux and, 824
 gastritis and, 1062 (editorial)
Appendix, adenocarcinoma of, 371
Atropine, duodenal ulcer and, 790
Autoantibodies, hepatitis and, 620
Azathioprine, pancreatitis and, 78

B

Balloon dilatation, pancreatic sphincter and, 225
Barium, mucus and, 659 (workshop)
Bentriomide, pancreatic disease and, 881
Bile, bacteriological study of, 109
Bile acid
 bismuth subsalicylate and, 1148
 colonic morphology and, 432
 Crohn's disease and, 994
 montmorillonate and, 1148

Bile duct stenosis, pancreatitis and, 890
Bile flow
 insulin and, 33
 theophylline and, 261
Bile hypersaturation, ursodeoxycholic acid and,
 380 (letter)
Bile salts
 pancreatic duct and, in cats, 740
 sucralfate and, 402
Bismuth subsalicylate, bile acid and, 1148
Blind loop, motility and, 643
Blind pouch, leiomyoma and, 376
Blood flow
 gastric mucosal, in dogs, 841
 measurement, 1060
Bombesin, gastrin-releasing peptide and, in dogs,
 1036
Book reviews
 Alimentary Tract Radiology, 3d ed, 878
 Clinical Gastroenterology, A Problem-Oriented
 Approach, 591
 Clinical Radiology of the Liver, Parts A and B,
 879
 Current Gastroenterology, 3d ed, 686
 Current Hepatology, 3d ed, 686
 Developments in Gastroenterology, Vol III,
 Inflammatory Bowel Diseases, 189
 Digestive Disease, 591
 Gastroenterology, 478
 Gastrointestinal Radiology: A Pattern
 Approach, 382
 Guide to Diagnostic Imaging, Vols I-III, 878
 Operative Surgery, Alimentary Tract and
 Abdominal Wall, Vol 3: Colon, Rectum,
 Anus, 4th ed, 783
 Radiology of the Pancreas, 687
 The Crohn's Disease and Ulcerative Colitis Fact
 Book, 879
 The Ostomy Book, 382
 The Radiological Examination of the Colon, 189
These Special Children, The Ostomy Book for

SUBJECT INDEX TO VOLUME 29

Parents of Children with Colostomies,
 Ileostomies and Urostomies, 382
Topics in Gastroenterology 10, 686
Vagotomy in Modern Surgical Practice, 478
Viral Hepatitis: Laboratory and Clinical
 Science, 878
Virus Infection of the Gastrointestinal Tract,
 783
Bowel, small
 digestion, absorption, resection and, 834
 malignant neoplasm, 275
 radiography, 1057
Brunner's gland, adenoma and, 81

C

Calories, gastric emptying and, 513
Cancer
 achalasia and, 1066, 1105
 colorectal screening, 159 (editorial), 161
 cystic duct, jaundice and, 865
 extrahepatic, 590 (letter)
 gastric
 5-fluorouracil and, 498
 cholecystectomy and, 116
 hepatocellular, jaundice and, 762
 liver, embolization and, 1137
 pancreatic signet ring, 573
 Peutz-Jeghers syndrome and, 178
 stomach, surgery and, 703
Caroli's disease, hepatectomy and, 367
Celiac disease
 gallbladder and, 876 (letter)
 small intestinal permeability and, 809
Cell production
 metaphase arrest technique and, in rats, 1153
 thymidine and, in rats, 1153
Cell proliferation, small bowel and, in rats, 1041
Chenodeoxycholic acid, ursodeoxycholic acid vs,
 1123
Chest pain, 657 (editorial)
 prolonged peristalsis and, 134
Cholangiography, bile bacteriology and, 109
Cholecystectomy, gastric cancer and, 116
Cholecystokinin
 pancreatic insufficiency and, 1109
 release, RIA of, 157 (editorial)
 small bowel and, in rats, 1041
Cholesterol
 gallbladder and, in guinea pigs, 1050
 lipoproteins and, 1118

Cimetidine
 concentration, antacids and, 385
 long-term effects, in rats, 40
 Zollinger-Ellison syndrome and, 363 (editorial)
Colitis, ulcerative
 granulocyte excretion and, 1000
 immune complexes and, 381 (letter)
 incidence, 913
 lactose malabsorption and, 1098
 pregnancy and, 614
 uveitis and, 570
Colon
 loperamide effect and, 232
 mucosa, bile acids and, 432
Colonoscopy
 angiodyplasia and, 481
 diverticular rupture and, 427
 inflammatory bowel disease and, 731
Compression, abdominal, esophageal sphincter
 function and, 689
Cost containment, gastroenterology, 463
Crohn's disease
 dietary fat and, 994
 granulocyte excretion and, 1000
 hepatobiliary disorders and, 930
 incidence, 913
 laboratory parameters and, 1093
 lipid A antibodies and, 502
 mycobacteria and, 1073, 1080, 1086 (editorial)
 saliva and, 1089
Cronkhite-Canada syndrome, 470
Cryptosporidium, acquired immunodeficiency
 syndrome and, 773

D

Decompression sickness, thrombosis and, 91
2-Deoxyglucose, pancreatic response and, in dogs,
 19
Diabetes mellitus, somatostatin and, 625
Diamine oxidase
 heparin and, 1070 (letter)
 mucosal necrosis and, 872
Diaphragm, antral, gastric obstruction and, 86
Diarrhea
 intestinal ischemia and, 674
 phytohemagglutinin and, 921
 rotavirus and, in piglets, 1028
Diet, fecal odorgrams, 907
Diffusion coefficient estimation, 336
Digestion, small bowel resection and, 834

Diltiazem, esophageal contractions and, 649
 Disodium cromoglycate, pyoderma gangrenosum and, 183
 Diverticulosis, right colon, 150
 Diverticulum
 disease, 187 (letter)
 perforated ileal, 171
 rupture, colonoscopy and, 427
 Dopamine, intestinal motility and, in dogs, 1023
 Duodenitis, nodular, 685 (letter)
 Dyspepsia, metaplasia and, 311
 Dysphagia, prolonged peristalsis and, 134

E

Elements, trace, total parenteral nutrition and, 606
 Embolization
 hepatic arterial, hypercalcemia and, 466
 liver cancer and, 1137
 Embolotherapy, gastrointestinal hemorrhage and, 486
 Encephalopathy, chronic portal-systemic, 669
 Enteroglucagon, small bowel and, in rats, 1041
 Enterokinase, small intestine and, in guinea pigs, 1009
 Environment, pancreatic response and, in dogs, 19
 Esophagus
 angina and, 305
 bolus transport, 1
 cancer, achalasia and, 1066, 1105
 contractions, diltiazem and, 649
 nifedipine effect and, 300
 peristalsis analysis, 65, 73 (editorial)
 propantheline bromide and, 300
 reflux, scintigraphy and, 977
 squamous papilloma, 317
 Ethanol
 gastrin release and, in dogs, 12
 intestinal absorption and, in rabbits, 267
 jejunal cytosol peptidases and, in hamsters, 46
 lipid absorption and, 631
 pancreatic response and, in dogs, 19

F

Fat, dietary, Crohn's disease and, 994
 Feces, odorgrams, 907
 Fenocimine, antisecretory activity and, in rats and dogs, 1131
 Fiber, rectal ulcer and, 1005

Fibrosis, portal, encephalopathy and, 669
 5-Fluorouracil, gastric carcinoma and, 498

G

Gallbladder
 acute infectious hepatitis and, 257
 celiac disease and, 876 (letter)
 cholesterol and, in guinea pigs, 1050
 fasting and, 875 (letter)
 indomethacin and, in guinea pigs, 1050
 Gallstones
 cholesterol and, 1118
 Crohn's disease and, 930
 lipoproteins and, 1118
 Gastrectomy, vitamin D and, 411
 Gastrin
 motility and, 714
 release, ethanol and, in dogs, 12
 Gastritis, alkaline, antrectomy and, 1062
 Gastroenterology
 cost containment, 463
 in Europe, 758
 Gastroscopy technique, in rats, 327
 Glucagon, pancreatitis and, 853
 Granulocytic excretion, colitis and, 1000
 Granulomatosis, hepatic, sarcoidosis and, 353

H

H_2 -receptor antagonists, acid secretion and, 129
 Hemorrhage
 gastric, wandering spleen and, 1159
 gastrointestinal, embolotherapy and, 486
 Heparin, diamine oxidase and, 1070 (letter)
 Hepatectomy, Caroli's disease and, 367
 Hepatitis
 acute infectious, gallbladder and, 257
 B, chronic active, autoantibodies and, 620
 chronic active, azathioprine, pancreatitis and, 78
 Hepatocyte size, phenobarbital and, in rats, 753
 Histamine, gastric mucosa and, 683 (letter), 684 (reply)
 Histology, gastroesophageal reflux and, 194
 HLA typing, alcoholic pancreatitis and, 727
 Hormones, gastrointestinal, symposium proceedings, 1S-106S
 Hydrogen breath test, bowel disease and, 1098
 Hyperamylasemia, amylase, isoamylase, lipase and, 289

SUBJECT INDEX TO VOLUME 29

Hypercalcemia, hepatic arterial embolization and, 466
Hypersecretion, gastric, pregnancy, lactation and, in rats, 248
Hypoglycemia, propranolol and, 1164
Hypokalemia, strongyloidiasis and, 768

I

Immune complexes, colitis and, 381 (letter)
Indomethacin
alcohol and, 141
gallbladder and, in guinea pig, 1050
gastric barrier and, 141
Inflammatory bowel disease
colonoscopy and, 731
6-mercaptopurine and, 357
mycobacteria and, 1073, 1080, 1086 (editorial)
pancreatitis and, 357
Insulin
bile flow and, 33
lipid excretion and, 33
Intestines
blood flow measurement, 1060
isoamylase and, 297
motility disorders, 458
small
cyclic activity and, 520
enterokinase and, in guinea pigs, 1009
permeability, celiac disease and, 809
Irritable bowel syndrome
lactose malabsorption and, 1098
loperamide and, 239
placebo and, 239
Ischemia, intestinal, diarrhea and, 674
Islet cell tumors, pancreatic function and, 443
Isoamylase
hyperglycemia and, 289
intestinal contents and, 297

J

Jaundice
cystic duct cancer and, 865
fibrolamellar carcinoma and, 762
Jejunum, ethanol and, in rabbits, 267

K

Kaposi's sarcoma, gastrointestinal involvement and, 817

L

Lactation, gastric hypersecretion and, in rats, 248
Lactose malabsorption
irritable bowel syndrome and, 1098
ulcerative colitis and, 1098
Leiomyoma, blind pouch and, 376
Lipase
acute pancreatitis and, 294
hyperamylasemia and, 289
serum, stimulation response and, 600
Lipid
A antibodies, Crohn's disease and, 502
absorption, ethanol and, 631
excretion, insulin and, 33
Lipoproteins, cholesterol and, 1118
Liver
acute fatty, pregnancy and, 449, 453, 456
(editorial)
cancer
embolization and, 1137
jaundice and, 762
disease, alcoholic, pancreatitis and, 593
failure, Wilson's disease and, 862
Loperamide
colonic myoelectric activity and, 232
irritable bowel syndrome and, 239
Lymphoid nodules, gastric lesions and, in dogs, 346
Lysosomes, pancreatitis and, 934

M

Macromolecules, mucosal transfer, in guinea pigs, 1015
Meals
motility patterns and, in dogs, 219
weight, gastric emptying and, 513
6-Mercaptopurine, inflammatory bowel disease and, 357
Metaphase arrest technique, cell production and, in rats, 1153
Metaplasia, dyspepsia and, 311
Montmorillonate, bile acid and, 1148
Motility
 β -Adrenoreceptor blockers and, 875 (letter)
antinuclear antibody titers and, 735
bacterial overgrowth and, 643
blind loop and, 643
cyclic small intestinal, 520
gastrin and, 714
intestinal

disorders and, 458
dopamine and, in dogs, 1023
triglycerides and, in dogs, 164
patterns, meals and, in dogs, 219
Society, American
meeting abstracts, 545
meeting program, 534
study, in rats and cats, 417

Mucosa
gastric
barrier breakers and, in rats, 6
blood flow in, in dogs, 841
histamine and, 683 (letter)
prolapse, retching and, 121
prostaglandins and, in rats, 1142
salivary extracts and, in rats, 56
intestinal necrosis, diamine oxidase and, 872
small bowel, nonluminal factors and, in rats, 1041
small intestinal, macromolecules and, in guinea pigs, 1015

Mucus and barium workshop, 659

Mycobacteria, inflammatory bowel disease and, 1073, 1080, 1086 (editorial)

Myoelectric activity
gastric influences and, in dogs, 849
loperamide and, 232

N
Necrosis, chronic alcoholic pancreatitis and, 709
Nifedipine, esophagus and, 300
Nutrition, total parenteral, trace elements and, 606
Nutritional support, 577

O
Odograms, fecal, 907
Omeprazole
gastric secretion and, 797
ulcers and, in rats, 394

P
Pancreas
American Pancreatic Association, abstracts, 939
annular, 75
arteriovenous malformations, 678
bentiromide test and, 881

duct dilatation, secretin and, 802
exocrine response, environment and, in dogs, 19
function, islet cell tumors and, 443
growth workshop, 360
insufficiency, cholecystokinin and, 1109
main duct, bile salts and, in cats, 740
mediastinal pseudocyst, 664
polypeptide responses, 102
signet ring carcinoma, 573
trypsin inhibitor and, 26
trypsinogen and, 187 (letter)

Pancreatitis, 285 (editorial)
acute
azathioprine-associated, 78
lipase and, 294
alcoholic
bile duct stenosis and, 890
inherited predisposition, 727
alcoholic liver disease and, 593
biliary, detection of, 97
chronic
pancreatic function and, 853
polypeptide responses and, 102
pulmonary involvement and, 896
trypsinogen and, 988
chronic alcoholic, necrosis and, 709
hemorrhage and, 486
hypertensive duct sphincter and, 225
inflammatory bowel disease and, 357
lysosomes and, 934
noncalcific, 721

Papilloma, squamous esophageal, 317

Peptidase, cytosol, ethanol and, in hamsters, 46

Peptide, gastrin-releasing, bombesin and, in dogs, 1036

Peristalsis
computer-aided analysis, 65, 73 (editorial)
prolonged, chest pain and dysphagia and, 134

Peutz-Jeghers syndrome, cancer and, 178

Phenobarbital, hepatocyte size and, in rats, 753

Phytohemagglutinin, diarrhea and, 921

Pima Indians, acid output in, 785

Plexosarcoma, 275

Polyp, duodenal, composition of, 475

Polypeptide, pancreatic
responses of, 102
Zollinger-Ellison syndrome and, 696

Potassium chloride, dosage form, in cats and opossums, 508

Pregnancy
acute fatty liver of, 449, 453, 456 (editorial)

SUBJECT INDEX TO VOLUME 29

gastric hypersecretion and, in rats, 248
ulcerative colitis and, 614

Preparation-H, wound healing and, 829, 833 (editorial)

Pressure, intraabdominal, lower esophageal sphincter and, 760 (editorial)

Prolapse gastropathy syndrome, 121

Propantheline bromide, esophagus and, 300

Propranolol, hypoglycemia and, 1164

Prostaglandins
E₂ antisecretory activity, 390
gastric mucosa and, in rats, 1142
synthesis stimulation and, in rats, 330

Pseudocyst, mediastinal pancreatic, 664

Pulmonary involvement, pancreatitis and, 896

Pylephlebitis, perforated diverticulum and, 171

Pylorus, double, 213

Pyoderma gangrenosum, treatment of, 183

R

Radiography, small bowel, 1057

Radioimmunoassay
cholecystokinin and, 1109
cholecystokinin-33 release and, 157 (editorial)

Rectum, distension, gastrointestinal transit and, 902

Reflux
alkaline, antrectomy and, 824
chronic gastroesophageal, evaluation of, 194
esophageal, scintigraphy and, 977

Retching, gastric mucosal prolapse and, 121

Rotavirus, diarrhea and, in piglets, 1028

S

Saliva
Crohn's disease and, 1089
extracts, gastric mucosal integrity and, in rats, 56
flow, swallow rate and, 528

Salmonella diagnosis, 877 (letter)

Sarcoidosis, hepatic granulomatosis and, 353

Scintigraphy
esophageal, 1
esophageal reflux and, 977

Secretin, pancreatic duct dilatation and, 802

Secretion, gastric
fenoctimine and, in rats and dogs, 1131
hypothyroidism and, 407
omeprazole and, in rats, 394, 797

Signet ring carcinoma, pancreatic, 573

SKF 93479, acid secretion and, 129

Somatostatin, diabetes mellitus and, 625

Sphincter
esophageal, abdominal compression and, 689
lower esophageal, intraabdominal pressure and, 760 (editorial)

pancreatic duct, balloon dilatation and, 225

Spike-burst activity, 422

Spleen
torsion of, 868
wandering, gastric hemorrhage and, 1159

Stenosis, pancreatitis and, 890

Stomach
acid secretion titration, 321
cancer
cholecystectomy and, 116
5-fluorouracil and, 498
surgery and, 703

cytoprotection reduction, 186 (letter)

emptying
hypothyroidism and, 407
meal weight and calories and, 513

hemorrhage, wandering spleen and, 1159

lesions, lymphoid nodules and, in dogs, 346

mucosal barrier, indomethacin and, 141

mucosal integrity, in rats, 6

mucosal prolapse, retching and, 121

mucosal protection, salivary extracts and, in rats, 56

myoelectric activity and, in dogs, 849

obstruction, antral diaphragm and, 86

secretion, fenoctimine and, in rats and dogs, 1131

tablet emptying and, 207

tablet retention and, 1063

whole isolated perfused, in rats and cats, 417

Strongyloidiasis complications, 768

Sucralfate, bile salts and, 402

Sugar transport, ethanol and, in rabbits, 267

Sulfasalazine, 781, 782 (letters)

Surgery, stomach cancer and, 703

Swallowing, salivary flow and, 528

T

Tablets, enteric-coated
gastric emptying of, 207
gastric retention of, 1063

Tea, gastric secretion and, 202

Theophylline, bile flow and, 261

Therapeutic efficacy, 589 (letter)

Thrombosis, mesenteric venous, decompression sickness and, 91

Thymidine, cell production and, in rats, 1153

Titration, intragastric, 321

SUBJECT INDEX TO VOLUME 29

Transit, gastrointestinal, rectal distension and, 902

Trials, controlled, 590 (letter)

Triglycerides, intestinal motility and, in dogs, 164

Trypsin inhibitor, pancreas and, 26

Trypsinogen

 pancreatic disease and, 187 (letter)

 serum, 479 (letter)

 chronic pancreatitis and, 988

U

Ulcer

 duodenal

 activity fluctuations, 983

 atropine and, 790

 H₂-receptor antagonists and, 129

 omeprazole and, in rats, 394

 Pima Indians and, 785

 gastric omeprazole and, in rats, 394

 giant duodenal, 781 (letter)

peptic, controlled trials and, 858

rectal, high-fiber diet and, 1005

Ursodeoxycholic acid

 bile hypersaturation and, 380 (letter)

 chenodeoxycholic acid vs, 1123

Uveitis, colitis and, 570

V

Vitamin D, gastrectomy and, 411

W

Wilson's disease, hepatic failure and, 862

Wound healing, Preparation-H and, 829, 833

(editorial)

Z

Zollinger-Ellison syndrome

 cimetidine and, 363 (editorial)

 pancreatic polypeptide and, 696

